

IMPERIAL SIHMDS REQUEST FORM

G-Block, Level 2, Hammersmith Hospital, Du Cane Road, London, W12 0HS
SPECIMEN RECEPTION HOURS: 9AM-5PM Monday-Friday



North West
London Pathology

CYTOGENETICS: 020 3313 1503/2169 imperial.cytogenetics@nhs.net
IMMUNOPHENOTYPING: 020 3313 1504 imperial.immunophenotyping@nhs.net
MOLECULAR GENETICS: 020 3313 2179 imperial.moleculardiagnosics@nhs.net

Laboratory use only

Patient Information

[Type or alternatively place patient sticker here.]

Surname

Forename

Date of Birth

Hospital No.

NHS No.

FEMALE

MALE

Referral Information

NHS

PRIVATE

Consultant/STR

Hospital

Mobile/Bleep

EMAIL (nhs.net)

Invoicing details

(if different from referrer, please provide phone/email)

GP address

Sample Information

SAMPLE

REFERENCE No.

Date taken

Time taken

Sample type (please tick):

Blood

Other (please specify):

BM aspirate

BM trephine

INFECTION RISK?

YES

NO

If Yes, please provide details):

For BMT patients:

Pre-BMT

Post-BMT

Monitoring

Sex of Donor?

MALE

FEMALE

DIAGNOSIS AND ADDITIONAL CLINICAL INFORMATION

(Please provide all clinical information that is relevant to the requested tests including treatment/disease history and results of previous or similar studies done elsewhere)

DIAGNOSTIC
(pre-treatment)

REMISSION
(for MRD studies)

ACTIVE DISEASE

RELAPSE

BM TREPHINE BIOPSY

in AZF please

SITE: PSIC: RIGHT
LEFT

Other site

Bone Consistency:

NORMAL

SOFT

HARD

Operator: Dr

MORPHOLOGY

Please ensure that a recent PB film is provided

BMA Total No of Slides

Iron stain? YES NO

Please select the studies required from each laboratory and send separate samples for each department. (A minimum of 3-5ml of PB required except for BCR-ABL/AML MRD which requires 20ml).
Molecular and cytogenetics samples must arrive <72 hours after being taken; immunophenotyping samples must be fresh (<24hours old), otherwise store at 2-4°C for upto 48hours)

IMMUNOPHENOTYPING

(Samples must arrive before
2pm on Friday)

** Blood/Bone marrow in EDTA please **

** CSF in universal containers/Transfix if >24h

Immunophenotyping

Ab Panels will be set up according to suspected diagnosis, clinical details are essential.

PNH (fresh <48h PB only)

Please send a fresh PB/BM film

Hb (g/L)

WBC (x10⁹/L)

Plts (x10⁹/L)

Lymphocytes (x10⁹/L)

Blasts (%)

Paraprotein (g/L)

Does the patient have any of the following:

Splenomegaly

Lymphadenopathy

Hepatomegaly

CYTOGENETICS

(Samples must arrive before
3pm on Friday)

** in Lithium Heparin ** (karyotype & FISH)

EDTA (FISH only)

G-banded karyotype

FISH:

Myeloma diagnosis

Myeloma relapse

CLL full panel (incl TP53del)

TP53 deletion (17p FISH)

Eosinophilia panel

BCR::ABL1

AML panel (presentation)

Other FISH tests

(please specify below)

Please note: If diagnostic karyotype/
FISH has been done elsewhere, a full copy of the report should be emailed to:
imperial.cytogenetics@nhs.net

MOLECULAR DIAGNOSTICS

(Samples must arrive before 3pm on Friday) **Blood/Bone marrow in EDTA please **

Sample store (GTC) (If new presentation with no clear diagnosis/for DNA/RNA future testing depending on other results)

CML and other MPN

BCR::ABL1 PCR (new CML)

BCR::ABL1 qPCR (follow-up)

If presentation done elsewhere, specify transcript:

ABL1 TKD mut (BCR::ABL)

MPN (NGS) Panel

(panel for MPN including JAK2, CALR, MPL but NOT BCR-ABL1, if needed request separately)

MDS and new AML**if FISH positive for recurrent transcripts the sample will be forwarded for PCR (transcript type/baseline)

FLT3/NPM1 (new AML)

Myeloid (NGS) Panel

(BM only if PB please discuss first)

AML MRD (follow-up only)

NPM1mut MRD

PML::RARA

RUNX1::RUNX1T1 for t(8;21)

CBFB::MYH11 for t(16,16) or inv(16)

Other(specify)

ckIT mutation(mastocytosis)

B-cell clonality

T-cell clonality

(CLL) IgHV mut. status

(CLL)TP53 mutation

T_{YÖI} A265P (LPL)

BRAF V600E (HCL)

Other molecular tests

(please specify below)